

1/6/2011 aJune		Thu Jan 06 16:23:29 2011		M:\000604\DN\00604\EGN01.dgn				STATE GA		PROJECT NUMBER CSSTP-0006-00(041)		SHEET NO. 453		TOTAL SHEETS 496																																																																																																																																																								
<div><div>DE-WATERING ACTIVITIES AND USE OF PUMPS</div><div>Any pumped discharge from an excavation or disturbed area shall be routed through an appropriately sized sediment basin, silt filter bag or shall be treated equivalently with suitable BMP's. The contractor shall ensure the post BMP treated discharge is sheet flowing. Failure to create sheet flow will obligate the contractor to perform water quality sampling of their pumped discharges. The contractor shall prepare sampling plans in accordance with the current GAR100002 NPDES permit utilizing by a Certified Design Professional. No separate payment will be made for water quality sampling of pump discharges.</div><div>OTHER CONTROLS</div><div>The Contractor shall follow this ESPCP and ensure and demonstrate compliance with applicable State and/or local waste disposal, sanitary sewer or septic system regulations.</div><div>The Contractor shall control dust from the site in accordance with Section 161 of the current edition of the Department's Specifications.</div><div>SEDIMENT STORAGE</div><div>The following table summarizes the required and available sediment storage for every outfall on this project. The Contractor shall provide and maintain the storage volumes for the BMPs specified in this table.</div><table><thead><tr><th rowspan="2">OUTFALL ID</th><th rowspan="2">TOTAL DRAINAGE AREA (ACRES)</th><th rowspan="2">DISTURBED DRAINAGE AREA (ACRES)</th><th rowspan="2">REQUIRED SEDIMENT VOLUME (CY)</th><th rowspan="2">TOTAL STORAGE VOLUME (CY)</th><th colspan="2">SEDIMENT BASINS</th><th colspan="2">CHECK DAMS</th><th colspan="2">INLET SED TRAPS</th><th colspan="2">SILT FENCE/SHEET FLOW</th></tr><tr><th>POND NO.</th><th>TOTAL VOLUME (CY)</th><th>NUMBER OF DEVICES</th><th>TOTAL VOLUME (CY)</th><th>NUMBER OF DEVICES</th><th>TOTAL VOLUME (CY)</th><th>LINEAR FEET</th><th>TOTAL VOLUME (CY)</th></tr></thead><tbody><tr><td>STREAM 1</td><td>5.8</td><td>2.0</td><td>134</td><td>262</td><td></td><td></td><td>11</td><td>2.49</td><td></td><td></td><td>1553</td><td>260</td></tr><tr><td>STREAM 2</td><td>42.7</td><td>7.3</td><td>489.1</td><td>522</td><td></td><td></td><td>48</td><td>18.79</td><td></td><td></td><td>3011</td><td>504</td></tr><tr><td>STREAM 3</td><td>1.2</td><td>0.4</td><td>26.8</td><td>67</td><td></td><td></td><td></td><td></td><td></td><td></td><td>400</td><td>67</td></tr><tr><td>STREAM 4</td><td>42.5</td><td>13.53</td><td>906.51</td><td>2044</td><td></td><td></td><td>47</td><td>77.65</td><td>4</td><td>202.39</td><td>10532</td><td>1764.11</td></tr><tr><td>STREAM 5</td><td>5.4 sqmi</td><td>10.7</td><td>716.9</td><td>1140</td><td></td><td></td><td>99</td><td>64</td><td>23</td><td>109</td><td>5770</td><td>967</td></tr></tbody></table><div>In order to prevent runoff from bypassing inlet sediment traps, a temporary berm shall be installed on the downstream side of all inlet sediment traps that are not located in a low point or an excavated sump. Temporary berms, when necessary, shall be a minimum of 18" high and constructed in a manner that ensures stormwater does not bypass the inlet. The Contractor may submit alternate temporary containment berm designs to the Project Engineer for approval.</div><div>ENVIRONMENTAL RESOURCES IMPACT TABLE</div><table><thead><tr><th rowspan="2">RESOURCE NAME/TYPE</th><th colspan="2">LOCATION</th><th rowspan="2">SIDE</th><th rowspan="2">CONSTRUCTION ACTIVITY</th><th rowspan="2">PERMITTED ACTIVITY</th><th rowspan="2">CONTROLLING CRITERIA</th><th rowspan="2">SPECIAL PROVISION?</th><th rowspan="2">COMMENTS INCLUDING ANY PERMITS EXPIRATION DATES</th></tr><tr><th>BEGINNING STA.</th><th>ENDING STA.</th></tr></thead><tbody><tr><td>LEBANON METHODIST CHURCH & CEMETERY</td><td>100+24.00</td><td>105+09.00</td><td>LT</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></tr><tr><td>STREAM 1</td><td>700+00</td><td>708+50</td><td>RT</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></tr><tr><td>STREAM 2</td><td>720+50</td><td>723+25</td><td>BOTH</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></tr><tr><td>STREAM 3</td><td>721+15</td><td>722+00</td><td>RT</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></tr><tr><td>STREAM 4</td><td>733+50</td><td>743+50</td><td>BOTH</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></tr><tr><td>STREAM 5</td><td>754+00</td><td>761+00</td><td>BOTH</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></tr></tbody></table><div>This project does not encroach upon any resource (Environmental, Histrocial, etc.).</div></div> <div><div>1/6/2011 4:23:15 PM \\GD0T-DSN\G0PLOT\QCF\G0_K1p8000.qcf aJune M:\000604\PRF\051-002-00604\EGN01.prf G0-RD5</div><div>1/5/2009 GPLN</div><div>ESPC Notes 6-2008.dgn (95) (01: 40x450, 60x42) 5/3/2009 1:43</div><div>GEORGIA DEPARTMENT OF TRANSPORTATION</div><div>REVISION DATES</div><div>STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE: ROADWAY DESIGN ESPC GENERAL NOTES</div><div>DRAWING No. 51-02</div></div>																OUTFALL ID	TOTAL DRAINAGE AREA (ACRES)	DISTURBED DRAINAGE AREA (ACRES)	REQUIRED SEDIMENT VOLUME (CY)	TOTAL STORAGE VOLUME (CY)	SEDIMENT BASINS		CHECK DAMS		INLET SED TRAPS		SILT FENCE/SHEET FLOW		POND NO.	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STREAM BUFFER ENCROACHMENT

Stream Buffers are not impacted by this project.

The Contractor is not authorized to enter into stream buffers, except as described in the table below:

Name	Location of Buffered Streams and State Waters **			Stream Type (Warm/Cold Water) *	Buffer Impacted (Yes/No)	Buffer Variance Required?
	Alignment	Begin Sta (Lt or RT)	Ending Sta (Lt or Rt)			
STREAM 1	I-575	700+00	708+50	WARM	NO	NO
STREAM 2	I-575	720+50	723+25	WARM	NO	NO
STREAM 3	I-575	721+15	722+00	WARM	NO	NO
STREAM 4	I-575	733+50	743+50	WARM	NO	NO
STREAM 5	I-575	754+00	761+00	WARM	NO	NO

*Warm water streams have a 25-foot minimum buffer as measured from the wrested vegetation. Cold Water streams have a 50-foot buffer as measured from the wrested vegetation.
** Locations are approximate, a detailed location of stream buffers and authorized work areas are shown on the individual BMP sheets.